# (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

### (19) World Intellectual Property **Organization**

International Bureau



# ) <del>erija annana na banda kuta banka bahka b</del>ada an an adala anna banka bahka banka banka bahka bahka kuta kuta kuta

(43) International Publication Date 22 July 2004 (22.07.2004)

PCT

#### (10) International Publication Number WO 2004/060766 A1

(51) International Patent Classification7: 51/24

B65D 51/28.

(21) International Application Number:

PCT/NZ2003/000295

(22) International Filing Date:

24 December 2003 (24.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

523406 526774

3 January 2003 (03.01.2003) NZ 30 June 2003 (30.06.2003)

NZ (71) Applicant (for all designated States except US): SJI LIM-

- ITED [NZ/NZ]; c/- Holland Beckett Maltby, Barristers & Solicitors, 96 Cameron Road, Tauranga (NZ).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): PEARCE, Alisdair, Gilbert [NZ/NZ]; Harris Road, R.D. 3, Putaruru (NZ). SHARP, Jeffrey, John [NZ/NZ]; 59 Higgins Road, Frankton, Hamilton (NZ). HESTER, Adam, David [NZ/NZ]; 59 Higgins Road, Frankton,, Hamilton (NZ).

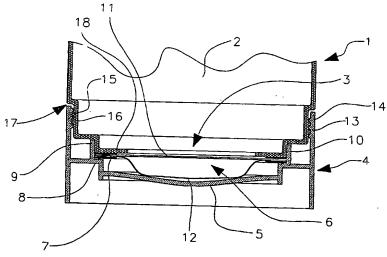
- (74) Agent: HARDIE, John, David; c/o J.D. Hardie & Co., P.O. Box 1534, Auckland (NZ).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MIXING DISPENSER



(57) Abstract: A dispenser (1) comprises a container having a first aperture (not shown) therein and a first closure means (not shown) for sealingly closing the first aperture and is characterised in that the container has a second aperture (3) and a second closure means (4) for closing said second aperture, said second closure means including a pressing means (5) operable to press inwardly towards said second aperture (3), a blister pack (6), locating means (8, 9) locating said blister pack to span across said second aperture (3) and sealing means (7, 10) sufficient to ensure the second aperture is sealingly closable against leakage of the intended contents of the dispenser. The construction and arrangement is such that in end use the container holds a first substance and the blister pack holds a second substance and when the pressing means is pushed the blister pack is ruptured enabling the mixing of the contents thereof